MULTICONDUCTOR, BRAID SHIELD

PVC / PVC

UL TYPE CM
AWM 1108, 2095, CSA CMG FT4
300 VOLT & 450 VOLT

CHARACTERISTICS

OPERATING TEMPERATURE:
- –20°C to 80°C – AWM
- 75°C – CM

VOLTAGE RATING:
- 300 Volt – CM
- 450 Volt (14 & 12 AWG)

COLOR DESCRIPTION:
- Color Code: Chart D Page 375
- Jacket Color: Gray

PRODUCT DESCRIPTION:
- Conductor: Stranded or Solid Tinned Copper
- Insulation: Color-Coded PVC
- Wrap: Clear Polyester (Multiconductor Only)
- Shield: Braided Bare Copper
- Jacket: PVC

SPECIFICATIONS

- UL Type CM, AWM 1108, 2095
- CSA CMG FT4
- Passes UL Vertical Tray Flame Test

† With a 22 AWG Solid Tinned Copper Drain Wire Under Braid Shield

†† Not UL Recognized

◆ UL 1108 – Single Conductor, UL 2095 – Multiconductor

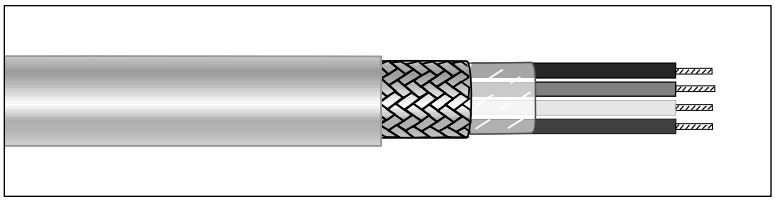
- "C" Suffix Indicates CM Rating

UL LISTED Passes UL VW-1 Flame Test Underwriters Laboratories Inc. CSA Certified Canadian Standards Association

AVAILABILITY

- 100 ft (30,5m), 500 ft (152m), 1000 ft (305m) put-ups

▲ 500 ft (152m), 1000 ft (305m) put-ups



80°C 300V - UL 1108, UL 2095 - TYPE CM

Insulation Thickness: **0.016"** (0,41mm) **PVC**

Alpha Part No.	No. of Cond.	Conductor AWG	Conductor Strand	Jacket Thickness Inches	Jacket Thickness mm	Diameter Inches	Diameter mm
1735◆	1	22	7/30	0.020	0,50	0.12	3,1
1736C	2	22	7/30	0.020	0,50	0.18	4,6
1737C	3	22	7/30	0.020	0,50	0.20	5,0
1738C	4	22	7/30	0.020	0,50	0.21	5,3
1741C	2	20	7/28	0.020	0,50	0.20	5,0
1742C	3	20	7/28	0.020	0,50	0.22	5,5
1743C	4	20	7/28	0.020	0,50	0.23	5,8
1745◆	1	18	16/30	0.020	0,50	0.14	3,6
1746C	2	18	16/30	0.020	0,50	0.23	5,8
1747C	3	18	16/30	0.020	0,50	0.24	6,1
1747/4C	4	18	16/30	0.020	0,50	0.25	6,4
1748C	2	16	19/0.0117	0.020	0,50	0.25	6,4
1749C	3	16	19/0.0117	0.020	0,50	0.25	6,4

80°C 300V - UL 2095 - TYPE CM

Insulation Thickness: **0.020"** (0,50mm) **PVC**

Alpha Part No.	No. of Cond.	Conductor AWG	Conductor Strand	Jacket Thickness Inches	Jacket Thickness mm	Diameter Inches	Diameter mm
▲1775C†	2	22	Solid	0.020	0,50	0.17	4,4

80°C 450V††

Insulation Thickness: **0.020"** (0,50mm) **PVC**

Alpha Part No.	No. of Cond.	Conductor AWG	Conductor Strand	Jacket Thickness Inches	Jacket Thickness mm	Diameter Inches	Diameter mm
1750	2	14	41/30	0.020	0,50	0.29	7,4
1751	3	14	41/30	0.020	0,50	0.29	7,4
1760	2	12	65/30	0.020	0,50	0.33	8,4
1761	3	12	65/30	0.020	0,50	0.34	8,6

CHART D

No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe
1	Black			
2	Red			
3	White			
4	Green			
5	Orange			
6	Blue			
7	Brown			
8	Yellow			
9	Violet			
10	Gray			
11	Pink			
12	Tan			
13	Red	Green		
14	Red	Yellow		
15	Red	Black		
16	White	Black		
17	White	Red		
18	White	Green		
19	White	Yellow		
20	White	Blue		
21	White	Brown		
22	White	Orange		
23	White	Gray		
24	White	Violet		
25	White	Black	Red	
26	White	Black	Green	
27	White	Black	Yellow	
28	White	Black	Blue	
29	White	Black	Brown	
30	White	Black	Orange	
31	White	Black	Gray	
32	White	Black	Violet	
33	White	Black	Black	
34	White	Red	Black	
35	White	Red	Red	
36	White	Red	Green	
37	White	Red	Blue	
38	White	Red	Brown	
39	White	Red	Violet	
40	White	Green	Black	
41	White	Green	Red	
42	White	Green	Green	
43	White	Green	Blue	
44	White	Green	Brown	
45	White	Green	Violet	
46	White	Blue	Black	
47	White	Blue	Red	
48	White	Blue	Green	
49	White	Blue	Blue	
50	White	Blue	Brown	
51	White	Blue	Violet	
52	White	Brown	Black	
53	White	Brown	Red	
54	White	Brown	Green	
55	White	Brown	Blue	
56	White	Brown	Brown	
57	White	Brown	Violet	
58	White	Violet	Red	
59	White	Violet	Green	
60	White	Violet	Blue	
61	White	Black	Red	Green
62	White	Black	Red	Yellow
63	White	Black	Red	Blue
64	White	Black	Red	Brown
65	White	Black	Red	Orange
66	White	Black	Red	Gray
67	White	Black	Red	Violet
68	White	Black	Green	Yellow
69	White	Black	Green	Blue
70	White	Black	Green	Brown
71	White	Black	Green	Orange
72	White	Black	Green	Gray
73	White	Black	Green	Violet
74	White	Black	Yellow	Blue
75	White	Black	Yellow	Brown
76	White	Black	Yellow	Orange
77	White	Black	Yellow	Gray
78	White	Black	Yellow	Violet
79	White	Black	Blue	Brown
80	White	Black	BLue	Orange
81	White	Black	Blue	Gray
82	White	Black	Blue	Violet
83	White	Black	Brown	Orange
84	White	Black	Brown	Gray
85	White	Black	Brown	Violet
86	White	Black	Orange	Gray
87	White	Black	Orange	Violet
88	White	Black	Gray	Violet
89	White	Red	Black	Green
90	White	Red	Black	Yellow
91	White	Red	Black	Blue
92	White	Red	Black	Brown
93	White	Red	Black	Orange
94	White	Red	Black	Gray
95	White	Red	Black	Violet
96	White	Red	Green	Yellow
97	White	Red	Green	Blue
98	White	Red	Green	Brown
99	White	Red	Green	Orange
100	White	Red	Green	Gray

CHART E

No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe
1	Black			
2	Brown			
3	Red			
4	Orange			
5	Yellow			
6	Green			
7	Blue			
8	Violet			
9	Gray			
10	White			
11	White	Black		
12	White	Brown		
13	White	Red		
14	White	Orange		
15	White	Yellow		
16	White	Green		
17	White	Blue		
18	White	Violet		
19	White	Gray		
20	White	Black	Brown	
21	White	Black	Red	
22	White	Black	Orange	
23	White	Black	Yellow	
24	White	Black	Green	
25	White	Black	Blue	
26	White	Black	Violet	
27	White	Black	Gray	
28	White	Brown	Red	
29	White	Brown	Orange	
30	White	Brown	Yellow	
31	White	Brown	Green	
32	White	Brown	Blue	
33	White	Brown	Violet	
34	White	Brown	Gray	
35	White	Red	Orange	
36	White	Red	Yellow	
37	White	Red	Green	
38	White	Red	Blue	
39	White	Red	Violet	
40	White	Red	Gray	
41	White	Orange	Yellow	
42	White	Orange	Green	
43	White	Orange	Blue	
44	White	Orange	Violet	
45	White	Orange	Gray	
46	White	Yellow	Green	
47	White	Yellow	Blue	
48	White	Yellow	Violet	
49	White	Yellow	Gray	
50	White	Green	Blue	
51	White	Green	Violet	
52	White	Green	Gray	
53	White	Blue	Violet	
54	White	Blue	Gray	
55	White	Violet	Gray	
56	White	Black	Brown	Red
57	White	Black	Brown	Orange
58	White	Black	Brown	Yellow
59	White	Black	Brown	Green
60	White	Black	Brown	Blue
61	White	Black	Brown	Violet
62	White	Black	Brown	Gray
63	White	Black	Red	Yellow
64	White	Black	Red	Green
65	White	Black	Red	Blue
66	White	Black	Red	Violet
67	White	Black	Red	Gray
68	White	Black	Orange	Yellow
69	White	Black	Orange	Green
70	White	Black	Orange	Blue
71	White	Black	Orange	Violet
72	White	Black	Orange	Gray
73	White	Black	Yellow	Green
74	White	Black	Yellow	Blue
75	White	Black	Yellow	Violet
76	White	Black	Yellow	Gray
77	White	Black	Green	Blue
78	White	Black	Green	Violet
79	White	Black	Green	Gray
80	White	Black	Blue	Violet
81	White	Black	Blue	Gray
82	White	Black	Violet	Gray
83	White	Brown	Red	Orange
84	White	Brown	Red	Yellow
85	White	Brown	Red	Green
86	White	Brown	Red	Blue
87	White	Brown	Red	Violet
88	White	Brown	Red	Gray
89	White	Brown	Orange	Yellow
90	White	Brown	Orange	Green
91	White	Brown	Orange	Blue
92	White	Brown	Orange	Violet
93	White	Brown	Orange	Gray
94	White	Brown	Yellow	Green
95	White	Brown	Yellow	Blue
96	White	Brown	Yellow	Violet
97	White	Brown	Yellow	Gray
98	White	Brown	Green	Blue
99	White	Brown	Green	Violet
100	White	Brown	Green	Gray